

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	((data-dependent near5 scrambl\$4) or (data adj1 dependent adj1 scrambl\$3) or DDS) and (CRC or (cyclic adj1 redundancy adj1 code)) and (ECC or (error adj1 correct\$3 adj1 code)) and (RLL or (run adj1 length adj1 limited))	USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 10:40
L2	7	((data-dependent near5 scrambl\$4) or (data adj1 dependent adj1 scrambl\$3) or DDS) and (CRC or (cyclic adj1 redundancy adj1 code)) and (ECC or (error adj1 correct\$3 adj1 code)) and (RLL or (run adj1 length adj1 limited))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 11:20
L3	11	((data-dependent near5 scrambl\$4) or (data adj1 dependent adj1 scrambl\$3) or DDS) and (CRC or (cyclic adj1 redundancy adj1 code)) and (RLL or (run adj1 length adj1 limited))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:48
L4	108	((data-dependent near5 scrambl\$4) or (data adj1 dependent adj1 scrambl\$3) or DDS) and (CRC or (cyclic adj1 redundancy adj1 code)) and (ECC or (error adj1 correct\$3 adj1 code))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 10:54
L5	1	((data-dependent near5 scrambl\$4) or (data adj1 dependent adj1 scrambl\$3)) and (CRC or (cyclic adj1 redundancy adj1 code)) and (ECC or (error adj1 correct\$3 adj1 code))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 11:11
L6	10	((data-dependent near5 scrambl\$4) or (data adj1 dependent adj1 scrambl\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 11:13
L7	53	scrambl\$3 and (CRC or (cyclic adj1 redundancy adj1 code)) and (ECC or (error adj1 correct\$3 adj1 code)) and (RLL or (run adj1 length adj1 limited))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 11:24



PALM INTRANET

Day : Tuesday  
Date: 9/26/2006  
Time: 13:35:25

## Inventor Name Search Result

Your Search was:

Last Name = FENG

First Name = WEISHI

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">09991473</a>	<a href="#">7099380</a>	150	11/16/2001	APPARATUS FOR ANTENNA DIVERSITY FOR WIRELESS COMMUNICATION AND METHOD THEREOF	FENG, WEISHI
<a href="#">10072034</a>	<a href="#">6662346</a>	150	02/08/2002	METHOD AND APPARATUS FOR REDUCTING POWER DISSIPATION IN FINITE FIELD ARITHMETIC CIRCUITS	FENG, WEISHI
<a href="#">10080454</a>	Not Issued	41	02/21/2002	Extension mode for wireless lans complying with short interframe space requirement	FENG, WEISHI
<a href="#">10092971</a>	Not Issued	95	03/05/2002	METHOD AND APPARATUS FOR COMPLEMENTARY CODE KEYING	FENG, WEISHI
<a href="#">10118504</a>	<a href="#">6868517</a>	150	04/08/2002	METHOD AND APPARATUS FOR CHECKING READ ERRORS WITH TWO CYCLIC REDUNDANCY CHECK STAGES	FENG, WEISHI
<a href="#">10268156</a>	Not Issued	30	10/09/2002	Clear channel assessment in wireless communications	FENG, WEISHI
<a href="#">10277399</a>	Not Issued	161	10/21/2002	Frequency/channel shifting mobile intelligent repeater operating with an individual or multiple cellular phones	FENG, WEISHI
<a href="#">10304511</a>	<a href="#">7010739</a>	150	11/26/2002	ERROR EVALUATOR FOR INVERSIONLESS BERLEKAMP-MASSEY ALGORITHM IN REED-SOLOMON DECODERS	FENG, WEISHI
<a href="#">10305091</a>	<a href="#">7051267</a>	150	11/26/2002	EFFICIENT HIGH-SPEED REED-SOLOMON DECODER	FENG, WEISHI
<a href="#">10423552</a>	Not Issued	41	04/25/2003	Data coding for enforcing constraints on ones and zeros in a communications	FENG, WEISHI

				channel	
<u>10639796</u>	Not Issued	41	08/12/2003	Methods and apparatus for improving minimum hamming weights of a sequence	FENG, WEISHI
<u>10701271</u>	Not Issued	30	11/04/2003	Methods of supporting host CRC in data storage systems without RLL coding	FENG, WEISHI
<u>10701661</u>	<u>6897792</u>	150	11/05/2003	REDUCING NUMBER OF CONSECUTIVE ONES IN DATA-DEPENDENT SCRAMBLER	FENG, WEISHI
<u>10714804</u>	Not Issued	30	11/17/2003	Data dependent scrambler with improved global constraint	FENG, WEISHI
<u>10715551</u>	Not Issued	30	11/17/2003	Data dependent scrambler with reduced overhead	FENG, WEISHI
<u>10796599</u>	Not Issued	30	03/09/2004	Secure digital content distribution system and secure hard drive	FENG, WEISHI
<u>10896726</u>	Not Issued	30	07/22/2004	Universal parity encoder	FENG, WEISHI
<u>10937995</u>	<u>7006016</u>	150	09/10/2004	DC-FREE LINE CODES	FENG, WEISHI
<u>11049753</u>	Not Issued	25	02/04/2005	Method and apparatus for checking read errors with two cyclic redundancy check stages	FENG, WEISHI
<u>11223087</u>	Not Issued	30	09/09/2005	Optimized Reed-Solomon decoder	FENG, WEISHI
<u>11243283</u>	Not Issued	41	10/04/2005	Error evaluator for inversionless Berlekamp-Massey algorithm in Reed-Solomon decoders	FENG, WEISHI
<u>11327934</u>	Not Issued	30	01/09/2006	Optimized Reed-Solomon decoder	FENG, WEISHI
<u>11407436</u>	Not Issued	25	04/20/2006	Efficient high-speed reed-solomon decoder	FENG, WEISHI
<u>11449956</u>	Not Issued	25	06/09/2006	Antenna diversity technique for wireless communication	FENG, WEISHI
<u>60277258</u>	Not Issued	159	03/21/2001	Method and apparatus for complementary code keying correlator	FENG, WEISHI
<u>60290683</u>	Not Issued	159	05/15/2001	Method and apparatus for checking read errors with two cyclic redundancy check stages	FENG, WEISHI
<u>60326967</u>	Not	159	10/03/2001	Low power finite field multiplication	FENG, WEISHI

	Issued			and division in re-configurable reed solomon codec	
<u>60333579</u>	Not Issued	159	11/27/2001	Backward compatible method and apparatus complying with short interframe space for 802.11 or 802.11b wireless LAN	FENG, WEISHI
<u>60344192</u>	Not Issued	159	10/19/2001	Automobile as intermediate mobile base station and/or repeater for wireless communication between mobile terminals and fixed base station	FENG, WEISHI
<u>60368865</u>	Not Issued	159	03/29/2002	Method and apparatus for different stage CCK code regenerator	FENG, WEISHI
<u>60370644</u>	Not Issued	159	04/08/2002	Methods and apparatus for efficient implementation of high-speed reed-solomon decoder	FENG, WEISHI
<u>60371898</u>	Not Issued	159	04/11/2002	New error evaluator for inversionless berlekamp-massey algorithm in reed-solomon decoding	FENG, WEISHI
<u>60418552</u>	Not Issued	159	10/15/2002	Data storage system without RLL coding	FENG, WEISHI
<u>60419289</u>	Not Issued	159	10/17/2002	Data storage system without RLL Coding	FENG, WEISHI
<u>60419732</u>	Not Issued	159	10/18/2002	Data storage system without RLL coding	FENG, WEISHI
<u>60422061</u>	Not Issued	159	10/28/2002	Data storage system without RLL coding	FENG, WEISHI
<u>60423235</u>	Not Issued	159	11/01/2002	2.4GHz CMOS transceiver and baseband processor chipset for 802.11b wireless LAN application	FENG, WEISHI
<u>60430904</u>	Not Issued	159	12/04/2002	Hamming weight of a sequence scrambled by data-dependent scrambler	FENG, WEISHI
<u>60442956</u>	Not Issued	159	01/27/2003	Methods of supporting host CRC in data storage systems without RLL coding	FENG, WEISHI
<u>60451875</u>	Not Issued	159	03/04/2003	Further improved data dependent scrambler	FENG, WEISHI
<u>60472172</u>	Not Issued	159	05/21/2003	Reducing the number of consecutive ones in the data-dependent scrambler	FENG, WEISHI
<u>60485578</u>	Not Issued	159	07/08/2003	Secure hard drive	FENG, WEISHI

<a href="#">60489361</a>	Not Issued	159	07/23/2003	Secure hard drive	FENG, WEISHI
<a href="#">60509356</a>	Not Issued	159	10/07/2003	Data-dependent scrambler with global constraint only	FENG, WEISHI
<a href="#">60510266</a>	Not Issued	159	10/10/2003	New class of DC-free line codes	FENG, WEISHI
<a href="#">60566979</a>	Not Issued	159	04/30/2004	Universal construction of parity code	FENG, WEISHI
<a href="#">60619583</a>	Not Issued	159	10/18/2004	Method and apparatus for improving traffic safty using computer vision technology	FENG, WEISHI
<a href="#">60664923</a>	Not Issued	159	03/23/2005	New burst error correcting algorithm for Reed-Solomon codes	FENG, WEISHI
<a href="#">60738840</a>	Not Issued	20	11/21/2005	Method for blocking unwanted email using a user-controlled access list	FENG, WEISHI
<a href="#">60776894</a>	Not Issued	20	02/27/2006	Contact list and internet services based on the improved contact list	FENG, WEISHI

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	<b>Last Name</b>	<b>First Name</b>	
<b>Search Another: Inventor</b>	<input type="text" value="feng"/>	<input type="text" value="weishi"/>	<input type="button" value="Search"/>

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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	((DDS adj encoder) or dds/encoder)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 13:59
L2	131	((bus adj interfac\$3) or (host adj interfac\$4) or (interfac\$3)) same scrambl\$4 same CRC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 13:49
L3	569	"host bus interface"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:00
L4	1	"host bus interface" same scrambl\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:00
L5	42	"host bus interface" and scrambl\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:02
L6	132	"host bus" and scrambl\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:02
L7	5	"host bus" same scrambl\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:04
L8	75	(bus near2 interfac\$3) same scrambl\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:10

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L9	334	((bus near2 interfac\$3) same CRC)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:10
L10	19	((bus near2 interfac\$3) same CRC) and scrambl\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:16
L11	489	CRC near15 scrambl\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:17
L12	131	(CRC same scrambl\$4 same interfac\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:17
L13	52	(CRC same scrambl\$4 same interfac\$3 same encod\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:18
L14	924	(CRC near "20" scrambl\$4) same interfac\$3 same encod\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:19
L15	10	(CRC near20 scrambl\$4) same "XOR"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:26
L16	93	((host near3 interfac\$3) or (bus near3 interfac\$3)) and (CRC near20 scrambl\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:38

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L17	208	((host near3 interfac\$3) or (bus near3 interfac\$3)) near20 (CRC or (cyclic adj2 redundancy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:46
L18	178	((host near3 interfac\$3) or (bus near3 interfac\$3)) near10 (CRC or (cyclic adj2 redundancy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:46
L19	147	((host near2 interfac\$3) or (bus near2 interfac\$3)) near10 (CRC or (cyclic adj2 redundancy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:51
L20	297	host and (scrambl\$4 same (CRC or (cyclic adj2 redundancy)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:55
L21	674	interfac\$3 and (scrambl\$4 same (CRC or (cyclic adj2 redundancy)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 14:59
L22	329	interfac\$3 and (scrambl\$4 near15 (CRC or (cyclic adj2 redundancy)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 15:02
L23	83	scrambl\$4 near15 ((CRC or ECC) adj2 encoder)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/26 15:04
L24	44	scrambl\$4 near15 ((CRC or ECC) adj2 encoder)	USPAT; USOCR; DERWENT; IBM_TDB	OR	OFF	2006/09/26 15:06
L25	19	(scrambl\$4 near15 ((CRC or ECC) adj2 encoder)) and ("XOR" or exclusive)	USPAT; USOCR; DERWENT; IBM_TDB	OR	OFF	2006/09/26 15:06



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L26	18	(scrambl\$4 near15 ((CRC or ECC) adj2 encoder)) and ("XOR" or "exclusive OR")	USPAT; USOCR; DERWENT; IBM_TDB	OR	OFF	2006/09/26 15:17
L27	2	(scrambl\$4 near15 ((CRC or ECC) adj2 encoder)) and ("XOR" or "exclusive OR") and host	USPAT; USOCR; DERWENT; IBM_TDB	OR	OFF	2006/09/26 15:14
L28	4	(scrambl\$4 same ((CRC or ECC) adj2 encoder)) and ("XOR" or "exclusive OR") and host	USPAT; USOCR; DERWENT; IBM_TDB	OR	OFF	2006/09/26 15:13
L29	55	(host adj1 (computer or CRC or interface or bus)) same (scrambl\$3 near2 (means or circuit or device or unit or encoder) or scrambler)	USPAT; USOCR; DERWENT; IBM_TDB	OR	OFF	2006/09/26 16:18
L30	17	(host adj1 (CRC or interface or bus)) same (scrambl\$3 near2 (means or circuit or device or unit or encoder) or scrambler)	USPAT; USOCR; DERWENT; IBM_TDB	OR	OFF	2006/09/26 16:18